Work Orde October-19-12 1		662		*918	362*					•	Page 1
Revision ID:	D3914-041 Long Basket Lie	d Assembly (350)		Accept	*N900	040	100)* s	etup Sta	I W.	S1* S2*
Start Date: Required Date: Reference:	10/19/12 11/09/12	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item I Customer:	D:					
Approvals:	Process Plan	n:	Date://2-10-19	Tooling: SPC (Y/N):		nte:		F	tun Sta Sto	1/7	R1* R2*
Sequence ID/ Work Center ID		Operation Description	r	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revis	sion Nbr									
D3914	В			•							
D4020	Α										
*100 *100* Large Fab Large Fab		Large Fab Memo 1- assembl 2- weld hin ***Visual	S. rod Batch: 1248/6 le ribs, weld as per dwg D39 nge (3) and Mounting bracket inspect before welding mesh*	s as per dwg D3914	Ept 13	<i>3</i> .4.31	9	_l×_			
#		***Cut ou	Id mesh on basket as per dwg t mesh where label plate goes Make sure to place mesh corre esh***	in center off basket lid							
*110 *110*			r QSI004- Fusion Welds	0.00				13-0	S-01	DAG 09	1
QC ·		Memo		0.00						9	

Quality Control

									DQA:	Date:	:
NCR: Yes	s / No				WORK ORDER NON-C	CONFORM	MANCE / UF	PDATE	QA Closed:	Date:	
Work Order:					DISPOSITION			AGAINST DE	PARTMENT,	PROCESS	
Part No.					Rework Scrap Use-as-is Work Order Update	Crosstube Small Fab Finishing Composite	Pro Rec/Sto	Engineering Quality Other			
Root				Descri	ption of work order update	Initial	Ad	ction	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chief Eng	Desc	cription	Date	Verification	QC Inspector
Doc/Data											
quip/Tooling											
Operator	_										
Material	_										
Setup	_]										
Other										,	
Process											
Supplier		1						•			

Landing Gear General Pressure/Forced Grain Ovalized Bend Bending Temperature/Cure BOM/Route Hardware Over/Under tolerance Centre Not Concentric to O/S Broken/Damaged Inspection Incomplete Part Incorrect Weld Cracks Part Lost/Missing Wrong Stock Pulled Crushed/Crimped. Burrs Instructions Incomplete/Unclear Maintenance Part Moved Cuffs Contamination Mislabeled Positioned Wrong Heat Treat Countersink Other Power Loss/Surge Inspection Strip in Tube Cut Too Short Misread Offset Ripples in Bend Drill Holes Torque Waves in Extrusion Drawing Out of Calibration Out of Sequence Turning Sequence Finish Folio **Outside Dimensions** Wave/Twist in Tube

FAULT CATEGORY

Training Unapproved

Work Orde				Page 2				
Item ID: Revision ID: Item Name: Start Date:	10/19/12	aid Assembly (350) Start Qty: 1.00	*1*	Accept	*N90004 Cust Item ID:	0100 *	Setup St	art *NS1* op *NS2*
Required Date: Reference:	11/09/12	Req'd Qty: 1.00	*1*		Customer:			
Approvals:	Process Pla	n:	Date:	Tooling:	Date:			art *NR1*
	QC:		Date:	_ SPC (Y/N):	Date:	, .	Si	*NR2*
Sequence ID/ Work Center II 120 *1 20* QC Quality Control	D	Operation Description QC5- Inspect part comple Memo	eteness to step on W/O	Set Up/ Run Hours 0.00	Tool ID Tool	# Plan Acc Code Qty	ept Reject Qty 13-06-9	Reject Insp. Number Stamp OAS 09 89
*130 *130* Powdercoat Powder Coating	d 7	Black Sandtex(Ref:4.3.5 Memo *** mask sic Start Time: Oven Tempe	des Grhinge prior to powd			lX,	§ M,	L 13/05/06
140 *140* HandFinish Hand Finishing	180	Memo		0.00	nesh as per dwg		<u> 6</u>	BP 13-5-2.

2- Install placard and label as per dwg
***Mask label plate to size of label, use scotchbrite red pad to lightly sand area
for label, apply label ***

												DQA:	Date	**.
NCR: Yes / No WORK ORDER NON-CONFORMANCE / UPDATE QA Closed:											Date			
						DISPOSITION			-	AGAINST		PARTMENT		•
Work Ord	er: _						٦				_	· !		
Part I	No.		_			Rework Scrap Use-as-is	-	١	Skid-tube Machining Moforming	Crosstube Small Fab Finishing		1	Water Jet d. Eng. Coor. e/Packaging	Engineering Quality Other
NCR I	No.					Work Order Update]	1	Large Fab	Composite	-		Supplier	
Root					Descri	ption of work order update	T	Initial	Ac	tion		Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Cr	nief Eng	Desc	ription		Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved												-		
					-	F	AUI	LT CATE	GORY					
Landi	ng C	iear				General	_	-				7	 	- 7
	Bending Centre Not Concentric to O/S Cracks Crushed/Crimped Cuffs Heat Treat			o/s	Bend BOM/Route Broken/Damaged Burrs Contamination Countersink	Hardware C Inspection Incomplete P Instructions Incomplete/Unclear P Maintenance P			Ovalized Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V	ct	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled			
		Inspectio	n Strip in	Tube		Cut Too Short		Misread	ĺ			Power Loss/	Surge	Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

Folio

Work Orde		362		*	9186	2*						Page 3
Revision ID:	D3914-041 Long Basket L	id Assembly (350)		Accept	*	N 900	040	100)*	Setup Star	171	S1* S2*
Start Date: Required Date: Reference:	10/19/12 11/09/12	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*			Cust Item I Customer:	D:					
Approvals:	Process Plan	n: <u>'</u>	Date:	_ Tooling _ SPC (Y			ate:			Run Star Stop	D	R1* R2*
Sequence ID/ Work Center II 150 *150* QC Quality Control		Operation Description QC3-Inspect Part Finish Memo		Set U Run 0.00	Jp/ Hours SH) BS3	Tool ID	Tool#	Plan Code	Accept Qty	t Reject Qty	Reject Number	Insp. Stamp
*160 *160* Packaging Packaging		Identify as per dwg & Stoc	k Location: <u>D40</u> 3	0.00	41898	3			_/_	d'	Bli	13-5-2
170 *17 0 * QC		QC21- Final Inspection - V	Work Order Release	0.00				,		NLS	13-05	-06

Memo

Quality Control

N 1305-3

											DQA:	Da	ate:	<u> </u>
NCR:	Yes	/ No				WORK ORDER NON-O	COI	VFORM	MANCE / UPDATE		·	<u> </u>		
				-							QA Closed:	Da	ate:	
Marale Ond						DISPOSITION			AGAINST	DE	PARTMENT	PROCESS		
Work Ord	er:					Rework	1		Skid-tube Crosstube	, [Water Jet		Engineering
Part I	Nο					Scrap	1		Machining Small Fat		Pro	d. Eng. Coor.	\vdash	Quality
,					 	Use-as-is	1		noforming Finishing	\vdash		e/Packaging	\vdash	Other
NCR I	No.					Work Order Update]		Large Fab Composite	-		Supplier		
	•													
Root					ł	ption of work order update	1	Initial	Action		Sign &			
Cause	_	Date	Step	Qty		or Non-conformance	Ch	nief Eng	Description		Date	Verification)n	QC Inspector
Doc/Data			Ì			•					·	1		
Equip/Tooling			1											
Operator					1,7 A									
Material														
Setup														
Other														
Process					<u>.</u>								1	
Supplier	\bigsqcup				,		1							
Training														•
Unapproved				<u> </u>			<u> </u>							
						F	AUL	T CATE	GORY					
Landi	ng G	ear				General		3		_	i		_	•
		Bending				Bend		Grain		L	Ovalized			Pressure/Forced
		Centre No	ot Conce	ntric to	o/s	BOM/Route		Hardwa	re	L	Over/Under	tolerance		Temperature/Cure
		Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incorre	ct'		Weld
		Crushed/	Crimped.			Burrs		Instruct	ions Incomplete/Unclear		Part Lost/Mi	ssing		Wrong Stock Pulled
		Cuffe				Contamination		Mainte	nance		Part Moved			

Mislabeled

Out of Calibration
Out of Sequence

Outside Dimensions

Misread

Offset

Countersink Cut Too Short

Drill Holes

Drawing

Finish

Folio

Positioned Wrong

Power Loss/Surge

Other

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Heat Treat

Inspection Strip in Tube

Torque Waves in Extrusion

Picklist Print

October-19-12 12:49:33 PM

Work Order ID:

91862

Parent Item:

D3914-041

Parent Item Name:

Long Basket Lid Assembly (350)

Start Date: 10/19/12

Required Date: 11/09/12

Page 1

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev:A new issue DD 10.03.19 verified by:EC 10.08.18 verified by:EC

IPP Rev:B as per dwg revB DD

Component Item ID/	10.08.18 verified b				Lost	~ .	Unit of	04	O4 17:4			D /	C4-4
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Stațus
D2581 Mounting Bracket		Manufactured	No			100	Each	110.0000	2	2	P	(13.4	4.30
				Location		Loc Oty	<u>L</u> (oc Code	3	<i>9850</i> 3	->	(2)	
				WA		107							
				82:	506	2							
					230	3			,				
					452	.2							
				863		39							
					706	2							
					574	59							
				WA005		3					•		
					766	2							
D2014.1			N I	812	253	100	F. 1	17.0000				2	
D3914-1 Rib		Manufactured	No			100 -	Each	17.0000	2	2		0 (13.	4.30
				Location		Loc Oty	Lo	oc Code	Ī	3976	60-	_>	-
				WA		-1							·
				876	079	1					D / i	1658	-
					542	6							
				886		2							
					544	6							
	•			WA006		18		•					
					149	I							
				82	131	1					0		
D3914-7 Rib		Manufactured	No			100	Each	9.0000	2	2	lpl	13.4.	30
				Location		Loc Qty	<u>L</u> c	oc Code			9713	5 ~~	— <i>M</i>
				WA006		9				<u> 39</u>	7949		
				829	928	3					•		

										DQA:	Date:	
NCR:	/es	/ No				WORK ORDER NON-C	ONFORM	MANCE / UP		QA Closed:	Date:	
Work Orde	-					DISPOSITION Rework Scrap		Skid-tube	AGAINST DE Crosstube Small Fab		VPROCESS Water Jet d. Eng. Coor.	Engineering Quality
NCR 1	No.					Use-as-is Work Order Update	Use-as-is Thermoforming Finishing Order Update Large Fab Composite				e/Packaging Supplier	Other
Root					Descri	otion of work order update	Initial	Ac	tion	Sign &		
Cause		Date	Step	Qty	c	r Non-conformance	Chief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data										5	. *	
Equip/Tooling										ļ		
Operator									٠		ı.	
Material					,							•
Setup								<u> </u>				,
Other			ļ		:							

Pressure/Forced Ovalized Bend Grain Bending BOM/Route Over/Under tolerance Temperature/Cure Centre Not Concentric to O/S Hardware Weld Broken/Damaged Inspection Incomplete Part Incorrect Cracks Wrong Stock Pulled Instructions Incomplete/Unclear Part Lost/Missing Crushed/Crimped. Burrs Part Moved Maintenance Cuffs Contamination Positioned Wrong Heat Treat Mislabeled Countersink Power Loss/Surge Other Inspection Strip in Tube Cut Too Short Misread Drill Holes Offset Ripples in Bend Out of Calibration Torque Waves in Extrusion Drawing Out of Sequence Turning Sequence Finish Folio **Outside Dimensions** Wave/Twist in Tube

FAULT CATEGORY

General

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Process
Supplier
Training
Unapproved

Landing Gear

October-19-12 12:49:33 PM

Work Order ID:	91862								
Parent Item:	D3914-041						Start	Date: 10/19/12	Required Date: 11/09/12
Parent Item Name:	Long Basket Lid	Assembly (350)				•	Star	t Qty: 1.00	Required Qty: 1.00
D4016-3 Hinge Half, Lid		Manufactured	No		100	Each	26.0000	3	3 Cpc 13.4.30
				Location	Loc Qty		Loc Code	团	100203(3)
				WA	26				
				88134	2				
				88515	24				
D4018-5		Manufactured	No		100	Each	46.0000	9 .	9 (1/12.470
Rib									396162->1
				Location	Loc Oty		Loc Code	·	546102 -> (
				WA	45				
				89171	45			-	
				WA005	1				
				80776	1				
D4020-5		Manufactured	No		100	Each	3.0000	1	1
Mesh (350 Basket Long,	Lid)								392117
				Location	Loc Qty		Loc Code	÷	392167(
		•		WA	3				
				90314	3				
D4021-3		Manufactured	No		100	Each	28.0000	1	
Data Plate					•				1 (p(13.4.30. 288510
				Location	Loc Qty		Loc Code		388510 1
				WA	28				<u> </u>
				80897	. 9		•		
	21			82507	1				
		•		90783	11				
				90784	7			•	1
D4035-041		Manufactured	No		100	Each	2.0000	1	1/2/
Lid Rib Assembly, Fwd (350 Basket)								\$97733
				Location	Loc Qty		Loc Code		797723 ->
				WA	2				, , , , , , , , , , , , , , , , , , ,
				63720	0				• • •
				87517	2			- · - · · · · · · · · · · · · · · · · ·	• 1
		,		•				•	

							DQA:	Date:			
NCR: Yes	s / No			WORK ORDER NON-O	CONFOR	MANCE / UPDATE	QA Closed:	Date:			
Work Order:				DISPOSITION		AGAI	NST DEPARTMENT	PROCESS			
Part No.				Rework Scrap Use-as-is Work Order Update	Scrap Machining Small Fab Prod. Eng. Coor. Use-as-is Thermoforming Finishing Rec/Store/Packaging Work Order Update Large Fab Composite Supplier						
Root				Description of work order update	Initial	Action	Sign &				
Cause	Date	Step	Qty	or Non-conformance	Chief Eng	Description	Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling	-							'			
Operator											
Material]			·							
Setup	_										
Other						·					
Process											
Supplier											
Training]				1	ı					

Landing Gear General Pressure/Forced Grain Ovalized Bend Bending Temperature/Cure BOM/Route Hardware Over/Under tolerance Centre Not Concentric to O/S Weld Broken/Damaged Inspection Incomplete Part Incorrect Cracks Wrong Stock Pulled Part Lost/Missing Crushed/Crimped. Burrs Instructions Incomplete/Unclear Part Moved Cuffs Contamination Maintenance Positioned Wrong Countersink Mislabeled Heat Treat Other Power Loss/Surge Inspection Strip in Tube Cut Too Short Misread Offset Ripples in Bend 🗼 Drill Holes Torque Waves in Extrusion Drawing Out of Calibration Turning Sequence Out of Sequence Finish Folio Outside Dimensions Wave/Twist in Tube

FAULT CATEGORY

Unapproved

Picklist Print

October-19-12 12:49:33 PM

Lid Rib Assembly, Aft (350 Basket)

Page 3

Work Order ID:

91862

Parent Item:

D3914-041

Parent Item Name:

Long Basket Lid Assembly (350)

D4035-043

Manufactured No

100

Each

8.0000

Start Date: 10/19/12

Start Qty: 1.00

Required Date: 11/09/12

Required Qty: 1.00

Location	Loc Qty	Loc Code	B 18841(1
WA	7		
81452	1		
82988	1		
89152	5		
WA006	1		
81202	1		

											DQA	: Dat	e:	
NCR:	Yes	/ No				WORK ORDER NON-	O	NFORM	MANCE / UPI	DATE				
											QA Closed	l: Dat	e:	
Work Ord	or:					DISPOSITION				AGAINST DE	PARTMEN	T/PROCESS		
Work Ord	er. _.					Rework	7	İ	Skid-tube	Crosstube]	Water Jet	\neg	Engineering
Part I	Vo.					Scrap	1		Machining	Small Fab	Pr	od. Eng. Coor.		Quality
	•					Use-as-is	1	Therm	oforming	Finishing	Rec/St	ore/Packaging[Other
NCR i	۷o.			<u> </u>		Work Order Update			Large Fab	Composite		Supplier		
Root					Descri	ption of work order update		Initial	Act	ion	Sign &	·		
Cause		Date	Step	Qty	(or Non-conformance	Ch	nief Eng	Descr	iption	Date	Verification	וו	QC Inspector
Doc/Data		-						,				:		
Equip/Tooling														
Operator														
Material	_													
Setup			ł									ľ		
Other														
Process														
Supplier														
Training							ł					•	1	
Unapproved		L	<u> </u>				<u> </u>							
							AUI	LT CATE	GORY					
Landi	ng (1			_	General	_	1		[.	1		
		Bending				Bend	\vdash	Grain		<u> </u>	Ovalized		-	Pressure/Forced
· · ·						BOM/Route		Hardwa		<u> </u>	⊣ '	er tolerance	-	Temperature/Cure
						Broken/Damaged	\vdash	⊣ `	on Incomplete	<u> </u>	Part Incor	•		Weld
					ļ	Burrs	<u>_</u>	-	ions Incomplete/l	Jnclear	Part Lost/I	-		Wrong Stock Pulled
	Cuffs					Contamination		Mainte			Part Move			
	-	Heat Trea			<u> </u>	Countersink		Mislabe		<u> </u> _	Positioned			
		Inspectio	n Strip in	Tube		Cut Too Short		Misreac	I		Power Los	s/Surge		Other
ł	I	Rinnles ir	Rend		1	Drill Holes		Offset						

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio







